

of 25 days the average rate of diminution was 7.4 inches daily. During the time of maximum decrease the mean temperature was 36°, the mean maximum was 43°, mean minimum 29.7°. The weather was mostly clear with southwest and south winds.

The practical application of the foregoing seems to be that whatever the amount of snow on the ground in midwinter a considerable portion of it will disappear through natural causes aside from the occurrence of warm weather attended by rain. The depth that disappears, on the average, expressed in percentages of the amount on the ground on the first of the month, is as follows:

TABLE 5.—Percentage of disappearance of snow.

Station.	February.	March.	April.
	<i>Per cent.</i>	<i>Per cent.</i>	<i>Per cent.</i>
Fordyce Dam.....	67	70	51
Summit.....	45	54	42
Tamarack.....	29	36	42

These figures show that altitude is a function in the disappearance of snow, the greater the altitude the slower the melting, as is perfectly obvious. The stations at Fordyce Dam and Summit show a greater melting in March than in April, contrary to the showing for Tamarack, and the natural expectation that the rate of melting would increase with the advance of the season.

Conclusions.—The most favorable weather conditions for the conservation of a snow cover are low temperature and little wind movement. The average loss by evaporation under these conditions appears to be about three-quarters of an inch per day.

Unfavorable weather conditions are relatively high temperature, brisk wind movement, and plenty of strong sunshine. Under the most unfavorable conditions for

the conservation of snow the loss of freshly fallen snow may average 10 inches per day and of old snow from 3 to 4 inches.

BIBLIOGRAPHY.

- Le Conte, J. L.* Snowfall in the Sierra Nevada, *Sierra Club Bulletin*, 1908, Vol. 6, pp. 310-14.
McAdie, Alex. G. Snowfall Records at Summit, *MONTHLY WEATHER REVIEW*, 38: 940.
 Forecasting the Supply of Water for the Summer from the Depth of Snow. *Ibid.* 39: 445.
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Palmer, Andrew H. The Region of Greatest Snowfall in the United States, *MONTHLY WEATHER REVIEW*, 43: 217.

CORRIGENDA.

January Review, 1916:

Page 35, Table 16. The daily amounts of rainfall at San Diego, Cal., January, 1916, should read:

	Amount.
Jan. 16.....	0.95
17.....	1.55
18.....	0.31
19.....	0.80
20.....	0.00
Total.....	3.61
Jan. 24.....	T.
25.....	0.21
26.....	0.22
27.....	2.19
28.....	0.06
29.....	0.17
Total.....	2.85

Page 35, Table 14. Daily precipitation at Mill Creek, for the leaders under January 16, 17, 18, and 27, 28, read an asterisk (*).